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(21) International Application Number: PCT/GB99/01470 (22) International Filing Date: 10 May 1999 (10.05.99) (71) Applicant (for all designated States except US): THE SECRETARY OF STATE FOR DEFENCE [GB/GB]; Whitehall, London SW1A 2HB (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): DAWSON, Colin [GB/GB]; DCTA, Science & Technology Division, Flagstaff Road, Colchester CO2 7SS (GB). VINCENT, Julian [GB/GB]; Reading University, Department of Engineering, P.O. Box 225, Reading RG6 6AY (GB). (74) Agent: SKELTON, S., R.; D/IPR, Formalities Section (Defence Procurement Agency), Poplar 2, MOD Abbey Wood #19, Bristol, BS34 8JH (GB).		(81) Designated States: JP, KR, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>	
(54) Title: SMART POROUS FILM OR MATERIAL (57) Abstract A smart film or material which automatically controls its porous properties in relation to changes in its local environment thus allowing fluids to pass through the film or material in a controlled fashion.			